tropical grasslands

contents

The Tropical Grassland Society of Australia
Vol. 11, 1977

CONTRIBUTED PAPERS:

	Page
Mark Hutton—E. G. Eyles	1
Siratro—a success story in plant breeding—N. H. Shaw and P. C. Whiteman	7
Breeding of *Macroptilium atropurpureum*—E. M. Hutton and L. B. Beal	15
Siratro seed production—J. M. Hopkinson	33
Establishment of Siratro pastures—S. J. Cook and K. Lowe	41
The effect of cultural treatment on establishment of *Macroptilium atropurpureum* cv. Siratro oversown in a *Setaria anceps* sward—Sayan Tudsri and P. C. Whiteman	49
Stability in sown and oversown Siratro pastures—J. C. Tothill and R. M. Jones	55
Response of established Siratro (*Macroptilium atropurpureum* cv. Siratro) pastures in south-east Queensland to phosphorus fertilizer—G. E. Rayment, R. C. Bruce and G. B. Robbins	67
Productivity of *Macroptilium atropurpureum* cv. Siratro pastures—B. Walker	79
Seasonal changes in the preference by cattle for *Macroptilium atropurpureum* cv. Siratro—T. H. Stobbs	87
A role for Siratro—R. Bell	93
Siratro on softwood scrub soils—W. Wilson	97
Siratro pastures in the Mackay district—L. H. Teske	101
Royston Park—W. Fordyce	105
Presidential Address: Pasture Plant introduction in Queensland—A continuing need—D. G. Cameron	107
Use of herbicide to reduce grass competition in a white clover sward—G. J. Murtagh	121
A comparison of African clovers and temperate legumes on the North Coast of New South Wales—D. L. Garden	125
Some important on-farm costs of specialist grass seed production in south-eastern Queensland—D. S. Loch and L. C. Hannah	133
Brachiaria decumbens (Signal Grass)—A review with particular reference to Australia—D. S. Loch	141
Steer liveweight gains in relation to the proportion of time on *Leucaena leucocephala* pastures—C. G. Blunt and Raymond J. Jones	159
The influence of flowering time and growth habit on the performance of Townsville stylo (*Stylosanthes humilis*) in tropical and sub-tropical Queensland—D. F. Cameron, H. G. Bishop, L. 't Mannetje, N. H. Shaw, D. I. Sillar and I. B. Staples	165
Townsville stylo seed production in north-eastern Thailand—B. Wickham, H. M. Shelton, M. D. Hare and A. J. de Boer	177
Soils and fertilizers for sown pastures in Malaysia—F. S. C. P. Kalpagé	189
Effect of sod-seeded Siratro on beef production and botanical composition of native pasture in south-eastern Queensland—K. F. Lowe, G. F. Filet, M. A. Burns and T. M. Bowdler	223
Tropical grass and legume yield on a soloth soil in sub-coastal south-eastern Queensland—K. F. Lowe and T. M. Bowdler	231

Page

Multiple land use of open forest in south-eastern Queensland for timber and improved pasture: Establishment and early growth—B. G. Cook and R. F. Grimes 239

Nutrient responses on a yellow earth soil in northern Cape York Peninsula —W. H. Winter and R. K. Jones 247

The response to nitrogen and phosphorus fertilizer of native pasture on the Balbirini land system in north-west Queensland—H. G. Bishop 257

Establishment of stylo (*Stylosanthes guianensis*) in Kunai (*Imperata cylindrica*) pastures and its effect on dry matter yield and animal production in the Markham Valley, Papua New Guinea—P. A. Chadhokar 263

The potential for forage legumes in Kenya—J. L. Wheeler and R. J. Jones 273

PROCEEDINGS:

Carcase appraisal and meat preparation symposium; field meeting of the Central Coast Section held at Mackay, March 19, 1977 199

Low cost pasture establishment on steep rocky hillsides; field meeting in the Boonah district, May 13, 1977 212

Pasture development on solodic soils; field meeting in the Tara-Kogan district, June 3, 1977 285

AUTHOR INDEX

	Page		Page
Beall, L. B.	15	Jones, R. K.	247
Bell, R.	93	Jones, R. M.	55
Bishop, H. G.	165, 257	Kalpagé, F. S. C. P.	189
Blunt, C. G.	159	Lock, D. S.	133, 141
Boer, A. J. de	177	Lowe, K. F.	41, 223, 231
Bowdler, T. M.	223, 231	Mannetje, L't.	165
Bruce, R. C.	67	Murtagh, G. J.	121
Burns, M. A.	223	Rayment, G. E.	67
Cameron, D. F.	165	Robbins, G. B.	67
Cameron, D. G.	107	Shaw, N. H.	7, 165
Chadhokar, P. A.	263	Shelton, H. M.	177
Cook, B. G.	239	Sillar, D. I.	165
Cook, S. J.	41	Staples, I. B.	165
Eyles, E. G.	1	Stobbs, T. H.	87
Filet, K. F.	223	Teske, L. H.	101
Fordyce, W.	105	Tothill, J. C.	55
Garden, D. L.	125	Tudsri, S.	49
Grimes, R. F.	239	Walker, B.	79
Hannah, D. S.	133	Wheeler, J. L.	273
Hare, M. D.	177	Whiteman, P. C.	7, 49
Hopkinson, J. M.	33	Wickham, B.	177
Hutton, E. M.	15	Wilson, W.	97
Jones, R. J.	159, 273	Winter, W. H.	247